

In the Claims:

Please amend the claims as follows.

1. (Currently Amended) A connecting piece for a medical tubing, said connecting piece comprising a first unit and a second unit,

said first unit comprising a first connecting element for a tubing element and a second connecting element for the second unit, said second connecting element comprising a tubular female part for engagement with the second unit and first sealing elements,

said second unit comprising a tubular male part with having a tubular portion fitting inside and surrounded by a portion of said tubular female part, and having a collar including a continuously extending delimiting edge defining a face on said male part, a connecting line between any two points along said delimiting edge in a peripheral direction of the male part being less than 90° in relation to an axial extension of said male part and said female part, and said tubular portion of said male part having second sealing elements for cooperating with the first sealing elements,

said first unit and second unit comprising respective separator elements, the first sealing elements and the second sealing elements configured for being mutually lockingly engageable by moving the male part and the female part axially towards each other, said mutual locking engagement establishing a lock, by which the first unit and the second unit are kept together with said tubular portion of said male part extending inside said female part;

the separator elements comprising a face arranged on the female part and a face arranged on the male part, said faces being in abutment against each other when the first unit and the second unit are kept together by said lock,

said faces being such that by a turning of the first unit in relation to the second unit an axially extending positive force component is provided for by said face on said male part riding on said face on said female part, said positive force component forcing the sealing elements to leave their mutual engagement by axial displacement of said first and said second unit from each other; and

the separator elements being arranged in relation to said sealing elements such that said separator elements are at an axial distance from said lock when the first unit and the second unit are kept together by said lock.

2. Cancelled.

3. (Previously Presented) A connecting piece according to claim 1, wherein the delimiting edge of the collar provides at least two tongues, and being congruent with a delimiting edge defining the face on the female part.

4. (Previously Presented) A connecting piece according to claim 1, wherein the delimiting edge of the collar follows the shape of a wave having a uniform distance between crests of the wave.

5. (Previously Presented) A connecting piece according to claim 1, wherein the first sealing elements comprise an annularly extending bead arranged on an inner face of the female part; and the second sealing elements comprise an annular recess arranged on an outer face of the male part, and which also provide the lock.

6. (Previously Presented) A connecting piece according to claim 1, wherein the first sealing elements comprise an annular recess including delimiting side faces being essentially axially parallel with a centre axis of the female part; and the second sealing elements comprise an annular flange for providing a second delimiting edge of the male part.

7. (Currently Amended) A connecting piece ~~(4)~~ according to claim 6, wherein delimiting side faces of the annular flange of the male part extend taperingly in relation to a central axis of the annular flange and converge towards the second delimiting edge of the male part.

8. (Previously Presented) A connecting piece according to claim 6, wherein a medially arranged side face for the annular recess of the first sealing elements comprises a beveling, said beveling facing laterally.

9. (Previously Presented) A connecting piece according to claim 7, wherein a face of an annular bead of the female part extends taperingly and converges in a direction towards the annular recess.

10. (Previously Presented) A connecting piece according to claim 1, wherein the first connecting unit comprises a valve.

11. (Previously Presented) A connecting piece according to claim 10, wherein the valve comprises a housing having a displacer means which is displaceable within the housing and perpendicular to the central axis of the first connecting unit, being intended for regulating the passage of liquid in the first connecting unit.

12. (Previously Presented) A connecting piece according to claim 11, wherein the displacer means comprises stops mounted at each end of the displacer means.

13. Cancelled.

14. (New) A device for leak-proof connection of medical tubing, said device comprising a first unit and a second unit;

said first unit comprising:

- a connecting portion that is connectable to a first medical tube,
- a tubular female portion defining an axial direction of said device and having a through-going passage, said tubular female portion comprising first sealing elements arranged within said through-going passage, and
- at least one first face disposed along a periphery of said first unit,

said second unit comprising:

- a connecting portion that is connectable to a second medical tube,
- a tubular male portion comprising second sealing elements, said tubular male portion being receivable inside said through-going passage of said tubular female portion, and
- at least one second face disposed along a periphery of said second unit,

said first and second sealing elements are lockable together to form a leak-proof engagement when said tubular male portion is received inside said through-going passage of said tubular female portion, said first and second sealing element engagement locking said tubular male portion against withdrawal from said tubular female portion,

said at least one first face is movable along said at least one second face from said engagement and said tubular male portion being twistable relative to said tubular female portion to provide a force in said axial direction for driving said first unit away from said second unit to disengage said first sealing elements from said second sealing elements,

said at least one first face is axially spaced apart from said first sealing elements and said at least one second face is axially spaced apart from said second sealing elements.

15. (New) The device of claim 14, wherein said first face winds around a part of said first unit.

16. (New) The device of claim 14, wherein said second face winds around a part of said second unit.

17. (New) The device of claim 14, wherein an inner face of said female tubular portion has an annularly extending bead defining said first sealing elements and wherein an outer face of said male tubular portion has an annular recess defining said second sealing elements.

18. (New) The device of claim 14, wherein an inner face of said female tubular portion has an annularly extending recess defining said first sealing elements and wherein said male tubular portion has an annular projection defining said second sealing elements.

19. (New) A device for leak-proof connection of medical tubing, said device comprising a first unit releasably connected to a second unit;

said first unit comprising:

a connecting portion that is connectable to a first medical tube,
a tubular female portion defining an axial direction of said device and
having a through-going passage, and
at least one first face disposed along a periphery of said first unit,

said second unit comprising:

a connecting portion that is connectable to a second medical tube,
a tubular male portion, and
at least one second face disposed along a periphery of said second unit,

said tubular male portion being received inside said through-going passage of said tubular female portion,

said tubular female portion comprising first sealing elements arranged within said through-going passage, and

said tubular male portion comprising second sealing elements,

said first and second sealing elements being in leak-proof engagement with each other and releasably locking said tubular male portion against withdrawal from said tubular female portion,

said at least one first face is movable along said at least one second face when said tubular female portion is twisted relative to said tubular male portion, to provide a force in said axial direction for driving said second unit away from said first unit to disengage said second sealing elements from said first sealing elements,

said at least one first face is axially spaced apart from said first sealing elements and said at least one second face is axially spaced apart from said second sealing elements.

20. (New) The device of claim 19, wherein said first face winds around a part of said first unit.

21. (New) The device of claim 19, wherein said second face winds around a part of said second unit.

22. (New) The device of claim 19, wherein an inner face of said female tubular portion has an annularly extending bead defining said first sealing elements and

wherein an outer face of said male tubular portion has an annular recess defining said second sealing elements.

23. (New) The device of claim 19, wherein an inner face of said female tubular portion has an annularly extending recess defining said first sealing elements and wherein said male tubular portion has an annular projection defining said second sealing elements.